

Rubber

SEALING & ANTIVIBRATION
SOLUTIONS

 **Rubena**

Always Innovation

Rubena a.s. is a Partner of and Supplier to

- OEM and their sub-suppliers
- Industrial applications
- Household appliances

Rubena a.s.

Is a specialist in Vibration control, rubber to metal bondings, rubber moulded components and sealing elements.

The development and production of components, modules and systems is achieved by working in close partnership with OEMs and their Suppliers.

We provide a complete range of services for our Customers:

- Black box development capability in close partnership with our customers
- In-house technical centre for prototyping and testing of new products
- In-house development and production of rubber compounds
- Production know-how and experience over nearly a century
- Teamwork
- Customer focused organization and logistics
- Providing customer support

As a manufacturer, Rubena a.s. takes full responsibility for continuous improvement in production processes and products.



Reliability and top quality of our products conform to international standards certified by SGS Curych.



Main Automotive Applications



Customer Care/ Logistics

Modern production control and planning systems are important instruments for Rubena a.s. to ensure deliveries of quality products on time.

Our goal is always to deliver the right quantity and quality at the right time as required by our Customers schedules. By constant monitoring of each of our production processes we ensure that we achieve our goal.



Production

The high quality of the products manufactured by Rubena a.s. is guaranteed by a combination of in-house process control - using SPC at all stages of production and by a thorough selection and monitoring of our suppliers and their quality processes.

At Rubena a.s. we are committed to maintaining our high standards, applying stringent quality requirements to each of our own production units as well as to our suppliers.

Particular attention is paid to our own manufacturing:

- Production of tools and moulds
- Compounding of our wide range of elastomers which includes NR, SBR, NBR, SILICONE, HNBR, FPM, EPDM, ACM
- Surface treatment
- PC controlled moulding processes
- Assemblies

Up to date technology in connection with continuous improvement process are standard tools to reach highest quality level of our products.



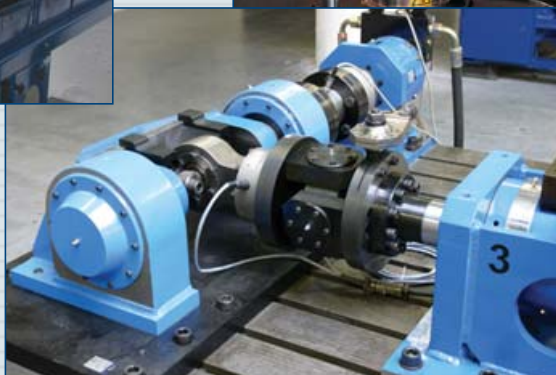
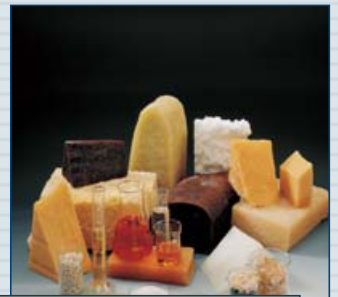
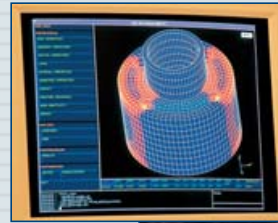
Product Development

Rubena a.s. has a long term experience in development and manufacturing of products for vibration isolation control, moulded rubber parts and sealing elements including rotary shaft seals. A wide range of solutions are provided based on either the customer demands or as the black box development.

Our capabilities are in the fields of:

- Material development
 - Rubber compound development
 - Rubber compound testing
 - Rubber compound analysis
- Product development
 - Part concept
 - Preliminary studies
 - Finite Element Analysis (FEA)
 - Part design
 - Tools design
 - Prototyping
- Product testing
 - Measurement of dimensions
 - Static properties measurement
 - Dynamic properties measurements
 - Durability tests
- Process development

Development activities are supported by the compound and product laboratories. Their equipment includes uniaxial dynamic and fatigue test machine, tensile machines, structural testing machine, multianalyzer of dynamic signal, sealing elements leakage test stand and others.





The Czech Rubber Company manufactures and globally distributes products for automotive industry and other industries.



- Agricultural tyres
- Multipurpose, Earthmoving and Fork Lift tyres
- Motorcycle tyres
- Truck tyres
- Aircraft tyres



- Rubber compounds
- Rubber Moulded Parts
- Antivibrating systems
- Sealing elements
- Rubber roller coatings
- Silicon rubber products
- Rubber-textile fabric products
- V-belts
- Bicycle tyres and tubes



- Rubber processing machinery
- Piston rings
- Art casting
- Casting



- Chemical vessel rubber coating



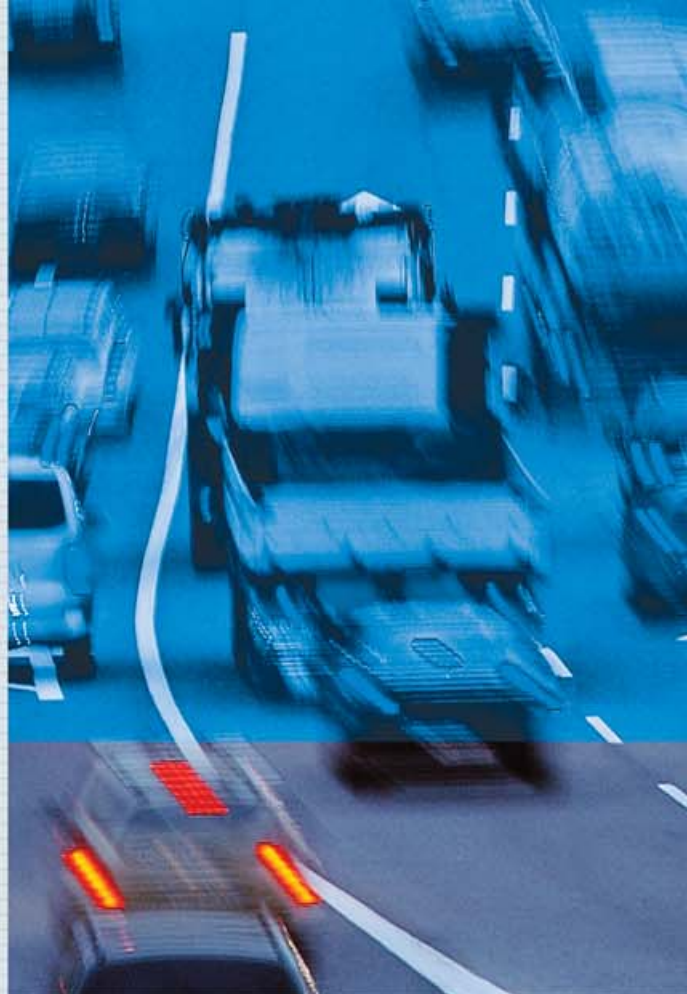
- Curing moulds and testing



- Global sales network for tyres



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